



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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The Eastern Iowa DX Bulletin

Number 307, January 2, 2026

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

This bulletin is available via email subscription only. See

<http://www.arrl.org/bulletins> to subscribe. (The online archive is no longer updated.)

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

Dr. Tony Phillips' [SpaceWeather.com](#), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

03 Jan 2026 1809 GMT
SFI: 166 SN: 124
A-Index: 24
K-Index: 3
X-Ray: C1.2
304A: 142.5 @ SEM
Ptn Flx: 73
Elc Flx: 3470
Aurora: 4/n=1.99
Mag (Bz): 0.3
Solar Wind: 481.4
Geomag Field UNSETTLD
Sig Noise Lvl S2-S3
Current Solar Image



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DX News

3A, MONACO. It was expected that **3A/MMØNDX** and **3A/MMØSAJ** would be QRV from Monaco on December 30th - January 3rd. Due to a medical emergency involving a close family member of MMØNDX, however, the operation has been postponed. While the trip is currently on hold, the team still intends to be active during the low band season - likely in February - once the situation stabilizes. New dates will be announced as soon as possible.

-[425DXN # 1809 January 3, 2026] (0102-0123)

4S, SRI LANKA. The Amateur Radio Civil Services Network (ARCSN) will activate **4S7RCS** from Baththalanguanduwa Island on **January 4th-5th**. This will be a small-scale operation, primarily using

digital modes. QSL direct to [4S7RCS](#).

-[425DXN # 1809 January 3, 2026] (0102-0109)

6Y, JAMAICA. Lester, W8YCM, is QRV as both **W8YCM/6Y** and **6Y8LV** until mid-January 2026.

Activity is holiday style on 17, 12, and 10 meters using SSB. QSL direct to [W8YCM](#).

-[ARRL DX Bulletin # 50 December 11, 2025] (1212-0116)

9A, CROATIA. To celebrate their 15th anniversary, members of the Croatian Flora Fauna ARC (9A1WFF) will be active as **9A44FF** and **9A44FF/p** from January 1st until December 31st. See <https://www.grz.com/db/9A44FF> for information about the Anniversary Award.

-[425DXN # 1808 December 27, 2025] (0102-0123)

9A, CROATIA. Tom, 9A2AA will use **9A69AA** throughout 2026 to mark his 69 years of activity on the amateur radio bands. QSL via [9A2AA](#).

-[425DXN # 1809 January 3, 2026] (0102-0123)

C5, THE GAMBIA. Andre, ON7YK, is QRV as **C5YK** from Kotu until January 25th. Activity is on 20 to 10 meters using SSB, RTTY, FT8, FT4, and some CW. QSL via LoTW.

-[ARRL DX Bulletin # 49 December 4, 2025] (1205-0123)

CE9, ANTARCTICA. Felix, DL5XL returns to Neumayer III and will be active again as **DP1POL** from January 6th to February 14th. He will operate mainly CW on the HF bands, with some Digital modes and SSB. QSOs will be uploaded to LoTW and ClubLog. QSL via [DL1ZBO](#).

-[425DXN # 1803 November 22, 2025] (0102-0219)

CE9, ANTARCTICA. George, VU2DGR, remains active as **AT44I** from the Indian station Bharati (AN-016) until early 2026. QSL direct via [VU2DGR](#).

-[DXNL # 2491 December 31, 2025] (0102-0116)

CE9, ANTARCTICA. Oleg, ZS1ANF, has returned to Wichaway (WAP MNB-11) and operates as **ZS7ANF** on 17, 15, and 10m CW. QSL via [RK1PWA](#).

-[DXNL # 2489 December 17, 2025] (1219-0109)

CN, MOROCCO. Matt, SQ9NIS will be active as **CN2NIS** from Morocco until January 6th. He operates SSB on 80-10 meters. QSOs will be uploaded to ClubLog. QSL via LoTW.

-[425DXN # 1809 January 3, 2026] (0102-0109)

CN, MOROCCO. Members of the Association Royale des Radioamateurs du Maroc will be active as **CN35CAN** during the 35th edition of the Africa Cup of Nations, the biennial international competition for African football (soccer) teams. Morocco will host the tournament from December 21st to January 18th. QSL direct to [CN35CAN](#).

-[425DXN # 1806 December 13, 2025] (1219-0123)

CT, PORTUGAL. To celebrate the 100th anniversary of Rede dos Emissores Portugueses (REP), Portugal's IARU member society, around fifty operators scattered all around the country will use three special callsigns - **CS26REP**, **CR26REP** and **CR3REP** on January 1st-7th. Look for activity on various bands and modes, and via QO-100. Certificates and eQSLs will be available on <https://hamaward.cloud/awards>.

-[425DXN # 1807 December 20, 2025] (1226-0109)

DL, GERMANY. DARC Team SES will be active as **DL25WIKI** throughout 2026. The special callsign celebrates the 25th anniversary of Wikipedia, The Free Encyclopedia, founded in January 2001: "the station reflects the spirit of free knowledge and international collaboration within the amateur radio community. Wikipedia and amateur radio share common values: openness, education, technical enthusiasm, and worldwide networking". QSOs will be uploaded to LoTW and the DCL (DARC Community Logbook). QSL cards will be sent automatically via the bureau.

-[425DXN # 1807 December 20, 2025] (0102-0130)

DL, GERMANY. The following special event stations celebrate 100 years of the German aviation company Lufthansa during 2026: **DA1ØØLH**, **DL1ØØLH**, and **DK1ØØLH**. QSL via [DK5ON](#).

-[DXNL # 2491 December 31, 2025] (0102-0123)

DL, GERMANY. Special callsign **DB100FT** will be active **throughout 2026** to celebrate the centenary of the Berlin Radio Tower (Funkturn), one of the city's most iconic landmarks. The 150-meter-high steel lattice tower occupies a prominent place in the history of radio broadcasting in Germany, as it was used to broadcast transmissions starting in 1926. QSL via [DO2PZ](#).
-[425DXN # 1807 December 20, 2025] (0102-0130)

DL, GERMANY. The special event stations **DA100TV** and **DL100TV** celebrate 100 years of television in Germany **during 2026**. QSL via [DK5ON](#).
-[DXNL # 2491 December 31, 2025] (0102-0123)

DL, GERMANY. To commemorate the centenary of the first Kurzwellentagung (the landmark convention for German shortwave enthusiasts held in Jena on January 16-17, 1926) the special callsign **DF100KWTJ** will be active from **January 1st until March 31st**. QSL via the bureau.
-[425DXN # 1808 December 27, 2025] (0102-0123)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of January 2, 2026:

1. P5	DPRK (North Korea)	11. KH4	Midway Island
2. KH3	Johnston Island	12. VK0M	Macquarie Island
3. KH7K	Kure Island	13. EZ	Turkmenistan
4. CE0X	San Felix Islands	14. KP5	Desecheo Island
5. FT5/X	Kerguelen Island	15. PY0S	Saint Peter And Paul Rocks
6. BS7H	Scarborough Reef	16. VP0S	South Sandwich Islands
7. BV9P	Pratas Island	17. YK	Syria
8. YV0	Aves Island	18. ZL9	New Zealand Subantarctic Islands
9. 3Y/P	Peter 1 Island	19. VK0H	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[K0CF January 2, 2026] (0102-0123)

EA, SPAIN. Celebrating Christmas and the New Year from the city of Vigo, **EG1NV** will be active from **December 2nd to January 12th**. See <https://www.qrz.com/db/EG1NV> for more information. QSL via LoTW, eQSL, and QRZ Logbook.
-[425DXN # 1804 November 29, 2025] (1128-0109)

EA8, CANARY IS. Watch for Reno, IU3RIC operating as **EA8/IU3RIC** operating from Lanzarote (AF-004) from **January 1st to 9th**.
-[DXNL # 2491 December 31, 2025] (0102-0109)

FK, NEW CALEDONIA. Phil, VK3HA, is QRV as **FK1TS** **until January 31st**. QSL to [VK3HA](#).
-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0130)

FO, FRENCH POLYNESIA. Hiro, JI1JKW will be active holiday style as **FO/JI1JKW** from Tikehau Atoll (OC-066), French Polynesia on **January 2nd-6th**. He will operate SSB, CW and FT8 on 40-6 meters, and "some QO-100". QSL via [JI1JKW](#) and LoTW.
-[425DXN # 1809 January 3, 2026] (0102-0109)

FO, FRENCH POLYNESIA. Pascal, F6HCM, is QRV as **FO/F6HCM** **until February 5th**, from various islands in this archipelago. Activity is in his spare time and generally on 15 meters using CW with QRP power. QSL to [F6HCM](#).
-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0206)

FY, FRENCH GUIANA. Pierre-Jean, F4GPK will be active again as **TO2FY** from Korou, French Guiana from **December 22nd to January 15th**. Activity will be mostly on 20, 15, and 10 meters using SSB only. He does not do paper QSLs or ClubLog. QSL only via LoTW and eQSL.
-[425DXN # 1806 December 13, 2025] (1219-0116)

G, ENGLAND. Special callsign **GB50PUNK** will be used by David, G3SKA "and team" to use at various times from **January 1st until December 31st** to celebrate 50 years of punk rock music. Updates will be posted to <https://www.facebook.com/61585208894891>. QSOs will be uploaded to ClubLog and eQSL; QSL via the bureau or direct to [GB50PUNK](#).
-[425DXN # 1809 January 3, 2026] (0102-0123)

G, ENGLAND. Using vintage equipment manufactured by KW Electronics Ltd from the mid-1950s to the 1970s, the **GB8KW** multi-operator station will be active again over the "KW Weekend" (**January 3rd-4th**) from the Cray Valley radio club's HQ in Eltham, England. Other special callsigns are expected to be activated by collectors and restorers across the UK during the month, notably **GB2KW** from Scotland.

-[425DXN # 1808 December 27, 2025] (0102-0123)

G, ENGLAND. Members of the Humber Fortress DX Amateur Radio Club operate as **GB26HNY** from **December 26th to January 18th**.

-[DXNL # 2490 December 24, 2025] (1226-0116)

HH, HAITI. Special event station **4V1L** is QRV **during January** to commemorate Marie-Jeanne Lamartiniere, a heroine of the Haitian Revolution. QSL via [N200](#).

-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0130)

HK, COLOMBIA and

HKØ, SAN ANDRES & PROVIDENCIA. Christoph, DF3TJ is active from Colombia as **HK4/DF3TJ** **until sometime in January**. "There will also be activations of **HKØ/DF3TJ** from San Andres (NA-033) and Providencia (NA-049) on short term notice", he says. QSL via [ON5JC](#).

-[425DXN # 1808 December 27, 2025] (1226-0116)

I, ITALY. ARI Fidenza (IQ4FE), with the patronage and historical supervision of the Guglielmo Marconi Foundation, will use a series of special callsigns **throughout 2026**, each representing one of the "key figures who played a fundamental role in Marconi's personal and emotional, educational and cultural, academic, scientific and, finally, entrepreneurial development": **II4GMRC (January)**, **II4AJMR (February)**, **II4AMRC (March)**, **II4JDVS (April)**, **II4ROSA (May)**, **II4PRCE (June)**, **II4JAFL (July)**, **II4KEMP (August)**, **II4PAGE (September)**, **II4NTTI (October)**, **II4GCLB (November)** and **II4SLRI (December)**. Complete information about the "Marconi Supporters" award: <http://www.arifidenza.it/>. QSL via LoTW, or direct only to [IQ4FE](#).

-[425DXN # 1809 January 3, 2026] (0102-0130)

J3, GRENADA. Rikk, WE9G is QRV as **J38WG** **until February 16th**. Activity is on 160 through 6 meters using mostly FT8 with some CW and SSB. He may also activate some POTA references. QSL to [WE9G](#), [ClubLog's OQRS](#), LoTW.

-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0220)

K, UNITED STATES. Club station **W2HRU** will be QRV on **January 1st-10th** to mark the 27th annual Ham Radio University educational conference. Look for SSB activity on 80, 40 and 20 meters, as well as FT8 on multiple bands. Detailed information on <https://hamradiouniversity.org/>. QSL via LoTW, eQSL, the W2 QSL Bureau, or direct to [KA2D](#).

-[425DXN # 1809 January 3, 2026] (0102-0109)

K, UNITED STATES. The Straight Key Century Club's annual on-air event, commemorating the club's founding in 2006 and celebrating the original instruments of early radiotelegraphy (straight key, bug and cootie keys), will run on **January 2nd-31st**. Look for **K3Y** to be aired from the ten US call areas (**K3YIØ** through **K3YI9**), plus **/KH6**, **/KL7** and **/KP4**. Information on the event and QSL instructions can be found on <https://skccgroup.com/k3y/k3y.php>.

-[425DXN # 1808 December 27, 2025] (0102-0130)

KHØ, MARIANA IS. Ken, JO1VRK expects to be active as **KHØ/AJ6VJ** from Saipan (OC-086), Mariana Islands from **December 29th to January 3rd**. He will be QRV on 40-10 meters CW and digital modes. QSL via LoTW, eQSL, and [ClubLog's OQRS](#).

-[425DXN # 1807 December 20, 2025] (1226-0109)

KH8, AMERICAN SAMOA. Darren, VK4MAP is active as **KH8/VK4MAP** from American Samoa **for a couple of weeks**. He started from Tutuila Island (OC-045) and he will move to the Manua Islands (OC-077) on January 2nd or 3rd. He operates SSB, mainly on 10 meters. QSL to [VK4MAP](#).

-[425DXN # 1809 January 3, 2026] (0102-0116)

KP5, DESECHEO I. The Vieques Island Amateur Radio Club (NP3VI) and the Manyana DX Foundation will sponsor the **KP5/NP3VI** DXpedition to Desecheo Island, now number 14 on the DXCC Top Twenty list.

Plans are to deploy two self-sustained remote deployable stations between **January 12th and 14th**. The DXpedition is expected to operate continually **for 30 days**.

(Full details will be published in the **January 9th** edition of the *Eastern Iowa DX Bulletin*. Stay tuned!)
-[425DXN # 1808 December 27, 2025] (1226-0109)

LZ, BULGARIA. Special callsigns **LZ2Ø25ZONE** and **LZ2Ø26EURO** celebrate Bulgaria's admission into the Eurozone and adoption of the Euro **as of January 1st**. Also look for **LZ1EURO** to be active on **January 1st-6th**. QSL LZ2Ø25ZONE and LZ2Ø26EURO via [LZ2VP](#) and LZ1EURO via [LZ3SCO](#).
-[425DXN # 1807 December 20, 2025] (1226-0109)

LZ, BULGARIA. Radio Club Blagovestnik (LZ1KCP) will use six special callsigns during 2026 to honor various Orthodox saints: **LZ1426EN** (**January and February**), **LZ488AM** (**March and April**), **LZ370TL** (**May and June**), **LZ67PP** (**July and August**), **LZ936BA** (**September and October**), **LZ911TD** (**November and December**). Details on the "All Saints 2026 Award" can be found at <https://www.lz1kcp.com/>. QSL via the bureau or direct to P.O. Box 36, 4300 Karlovo, Bulgaria.
-[425DXN # 1809 January 3, 2026] (0102-0130)

LZ, BULGARIA. The special event callsign **LZ1KOLED** will be active from **December 24th to 29th**. Then, from **January 1st to 6th**, the operators continue as **LZ1EURO** to mark Bulgaria's entry into the Euro currency zone.
-[DXNL # 2490 December 24, 2025] (1226-0109)

OX, GREENLAND. Michael, **OX3MC**, plans to get on the air whenever time permits from **December 29th to February 25th** from Pituffik Space Base (NA-018). QRV on 80-10m, mostly on SSB. QSL via OZ QSL bureau.
-[DXNL # 2490 December 24, 2025] (1226-0227)

S2, BANGLADESH. During 2026, the S21DX team will activate 17 grids via the QO-100 satellite. They plan to operate two stations from each grid for 2-3 days throughout the year, primarily using SSB with some CW. Grids to be activated are NL41-NL46, NL51-NL55, and NL60-NL65. Teams will vary by location and date. Operators mentioned are **S21ACP**, **S21AM**, **S21FIA**, **S21HMX**, **S21MOB**, **S21RC**, **S21RED** and **S21YLJ** as they will use their personal callsigns. QSL management and LoTW availability may differ individually. See <https://s21dx.org/> for more information and updates. Also, the S21DX team will issue a "special paper QSL card" for the event, and an Online QSL Request System (OQRS) will be available soon.
-[425DXN # 1809 January 3, 2026] (0102-0123)

SP, POLAND. The Dobrzycki Amateur Radio Club (SP3PDO) will use twelve special callsigns during 2026 to honor as many different Polish saints. The first callsign in the series, **SP1894MMK** (**January 1st-31st**), is for St. Maximilian Maria Kolbe (SP3RN), born on January 8, 1894, and killed at Auschwitz in 1941. It will be followed by **SP144ØSL** (**February**), **SP1Ø4ØSSZ** (**March**), **SP1865JML** (**April**), **SP192ØKW** (**May**), **SP1373JA** (**June**), **SP1183JO** (**July**), **SP19Ø5MFK** (**August**), **SP1373AB** (**September**), **SP155ØSK** (**October**), **SP1234KK** (**November**) and **SP1835JK** (**December**). See <https://radioawards.club/ses/155> for the certificates. QSL via [SP3PDO](#).
-[425DXN # 1807 December 20, 2025] (1226-0123)

SV, GREECE. Tom, OE4EIE operates as **SV/OE4EIE** from **December 21st until January 4th**.
-[DXNL # 2489 December 17, 2025] (1219-0109)

T8, PALAU. Watch for JA6KYU, JA6EGL and JH6OPP to be active as **T88HS**, **T88SM** and **T88XE** respectively on various bands and modes from the Palau Radio Club on Koror Island (OC-009) on **January 7th-15th**. QSL T88HS via [JA6KYU](#), T88SM via [JA6EGL](#) and T88XE via [JH6OPP](#).
-[425DXN # 1809 January 3, 2026] (0102-0116)

TG, GUATEMALA. Todd, AF4CZ, will be active holiday style as **TG9/AF4CZ** from Guatemala from **December 7th to January 5th**. He will operate mainly FT8/FT4 on 40-10 meters. QSOs will be

uploaded to LoTW, eQSL and ClubLog.

-[425DXN # 1804 November 29, 2025] (1205-0109)

TL, CENTRAL AFRICA. Joao, CR7BNW will be active as **TL8BNW** from Bangui, Central African Republic for **six months**. During his stay he will be QRV on 40, 20, 15, and 10 meter SSB and FT8. He has already conducted some preliminary tests in preparation for his first activity, which is scheduled for **December 20th-25th**. QSL via LoTW, and QRZ.

-[425DXN # 1807 December 20, 2025] (1219-0123)

TY, BENIN. Gerard, F5NVF will be active as **TY5GG** from Benin from **January 6th until April 6th**. QSOs will be uploaded to ClubLog (with Live Stream enabled). QSL via LoTW.

-[425DXN # 1809 January 3, 2026] (0102-0130)

TZ, MALI. Jeff, **TZ4AM** is QRV from Bamako and plans to be active **until February** as local conditions permit. Activity is on 40 through 6 meters using mostly CW and some SSB. QSL via [KX4R](#).

-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0130)

UA, EUROPEAN RUSSIA. Special callsigns **R2Ø26A, R2Ø26C, R2Ø26L, R2Ø26N, R2Ø26NY, R2Ø26S, R2Ø26X, UE26HNY** and **UE26NY** will be active from **December 29th to January 11th** for the annual "Russian New Year" radio marathon organized by the Miller DX Club (<https://mdxc.ru/>) and the Rostov Oblast branch of the Russian Amateur Radio Union (SSR). See <https://hamlog.online/club/mdxc> for the certificates. QSL via [RQ7L](#).

-[425DXN # 1806 December 13, 2025] (1226-0116)

V4, ST. KITTS & NEVIS. Brian, GW4DVB is QRV as **V4/G4DVB** from St. Kitts **until January 9th**.

Activity is on various HF bands. QSL direct to [GW4DVB](#).

-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0109)

VK, AUSTRALIA. Special callsign **AX12ØAAC** celebrates the 120th anniversary of the Australian Army Cadets (AAC) **during 2026**.

-[DXNL # 2491 December 31, 2025] (0102-0123)

VP6, PITCAIRN I. Mike, WA6SVT, is QRV as **VP6MC**. Of late, he has been active on 20 meters using SSB around 0200z. QSL to [WA6SVT](#).

-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0123)

VP8/H,LU,CE9,HFØ,4K1, SOUTH SHETLAND IS. Ivo, LZ1AAW is heading to the Bulgarian Antarctic Base St. Kliment Ohridski on Livingston Island (AN-010). He plans to be QRV as **LZØA** in his spare time from approximately **December 27th to February 16th**. He will operate SSB and FT8/FT4 on 20 meters and possibly other bands. QSOs will be uploaded to LoTW after the end of the activity. QSL via [LZ2UU](#).

-[425DXN # 1807 December 20, 2025] (1226-0213)

VU, INDIA. Sandy, VU2DX, is QRV as **AT3WWA** from Goa **until January 31st**, for the World Wide Award event. QSL to [VU2DX](#).

-[ARRL DX Bulletin # 52 December 31, 2025] (0102-0130)

VU, INDIA. Bernhard, DL2GAC, is on the air as **VU2BMS** **until mid-January**.

-[DXNL # 2490 December 24, 2025] (1226-0116)

XT, BURKINA FASO. Max, DK1MAX will be active as **XT2MAX** from Ouagadougou (IK92fh), Burkina Faso on **January 4th-11th**. He will operate CW, SSB and FT8 (MSHV) on 20-6 meters ("lower bands if noise and space allow"). QSL via LoTW, [ClubLog's OQRS](#), or via [EA5GL](#).

-[425DXN # 1809 January 3, 2026] (0102-0116)

XU, CAMBODIA. Tom, DL7BO, will be QRV as **XU7GNY** from **December 22nd to January 18th**. Activity will be on 160 through 6 meters using CW, SSB, and FT8, and concentrating on the lower bands. QSL direct via [DJ4WK](#).

-[ARRL DX Bulletin # 51 December 18, 2025] (1219-0123)

YU, SERBIA. The radio club Mihajlo Pupin YU7BCD in Pancevo celebrates its 45th anniversary **during 2026** with the callsign **YU45MJA**. QSL via LoTW.

-[DXNL # 2491 December 31, 2025] (0102-0123)

YU, SERBIA. The special event callsign **YU65AEC** celebrates the 65th anniversary of the first radio club in Odzaci **throughout 2026**.

-[DXNL # 2487 December 3, 2025] (0102-0123)

Z6, KOSOVO. Gabriele, HB9TSW will be active again as **Z68BG** from Slatina Air Base near Pristina, Kosovo on **January 8th-28th**. He will operate CW only in his spare time. QSL via LoTW, eQSL, or via [HB9TSW](#).

-[425DXN # 1809 January 3, 2026] (0102-0130)

Z8, SOUTH SUDAN. Diya, YI1DZ, will be QRV as **Z81D** from Juba from **December 14th to March 10th**. Activity will be in his spare time. QSL to [YI1DZ](#).

-[ARRL DX Bulletin # 50 December 11, 2025] (1212-0116)

ZA, ALBANIA. Tom, OE4EIE operates as **ZA/OE4EIE** on **December 19th and 20th**, and again from **January 4th to 6th**. QSL to [OE4EIE](#).

-[DXNL # 2489 December 17, 2025] (1219-0109)

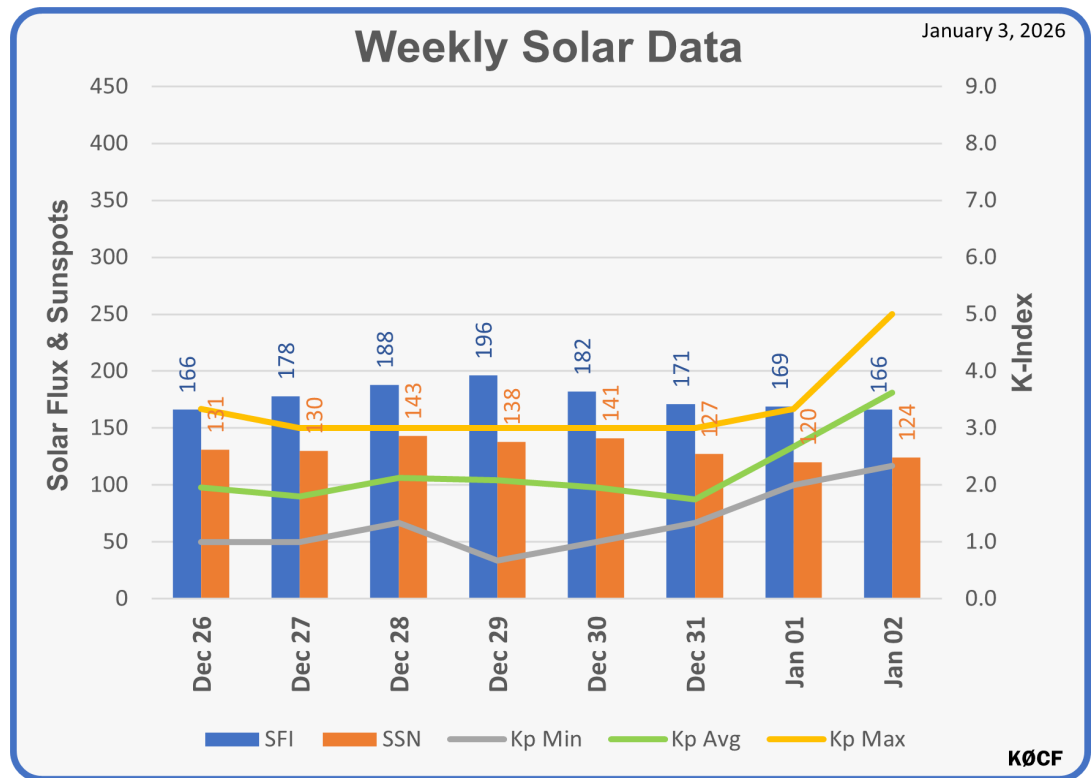
ZL, NEW ZEALAND. The New Zealand Association of Radio Transmitters (NZART) was founded in Auckland in 1926. To celebrate their centenary, NZART members are encouraged to use the **ZM** prefix **during 2026**; in addition, individual operators and NZART branches can apply to use special **ZL1ØØ** callsigns for a period of 1 to 3 months - e.g. Ian ZL1MVL and the Whangarei Amateur Radio Club (ZL1AM) will be using **ZL1ØØMVL** and **ZL1ØØAM**, respectively, **until March 31st**.

-[425DXN # 1808 December 27, 2025] (0102-0130)

ZL, NEW ZEALAND. Special callsign **ZL6ØPAH** will be used by Phil, ZL3PAH from **November 23rd to February 22, 2026**, to celebrate his diamond jubilee in amateur radio. He will operate CW, RTTY, and "maybe a little SSB too" on 80-10 meters. QSL via LoTW.

-[425DXN # 1802 November 15, 2025] (1121-0220)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

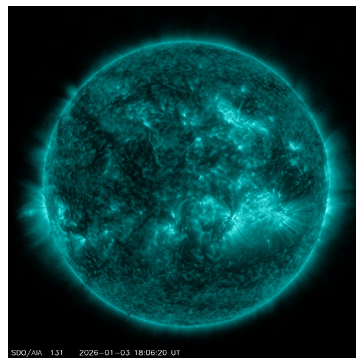
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, December 26th through yesterday, January 2nd.

The average solar flux was 179, up 38 points from the previous week, with a weekly high of 196 on Monday, December 29th, followed by a low of 166 on January 2nd.

The average sunspot count was 132, up 33 from last week, peaking at 143 on Sunday, December 28th followed by a weekly low of 120 on January 1st.

The Planetary K-index weekly average was 3.3 with a maximum of 5.0 on Friday, January 2nd, indicating a minor geomagnetic storm.

Solar flare activity since December 27th has been low with 4 major flares, the largest of which was an M 7.1 event on Wednesday, December 31st.

Propagation Data

Major solar flares, Saturday, December 27th through 1516 UTC, January 3rd.

#	Date	UTC	Mag.
1	Dec 31	1351	M 7.1
2	Dec 28	2239	M 4.2
3	Dec 28	2113	M 1.3
4	Dec 27	0150	M 5.1

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Jan 3	50%	10%	166
Jan 4	50%	10%	160
Jan 5	50%	10%	165

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on December 29, 2025).

Date	Flux	Kp
Jan 3	160	4
Jan 4	155	4
Jan 5	150	2
Jan 6	155	2

Date	Flux	Kp
Jan 7	140	2
Jan 8	130	2
Jan 9	125	4
Jan 10	120	4

Date	Flux	Kp
Jan 11	120	2
Jan 12	120	4
Jan 13	120	4
Jan 14	115	4

Geomagnetic Storm Forecast (Updated)

Geomagnetic storms are possible on Jan. 3-4 when a pair of CMEs is expected to hit Earth's magnetic field. [CME #1](#) was launched by a powerful [M7-flare](#) on Dec. 31st. [CME #2](#) followed on Jan. 1st, propelled by a weaker but better aimed [C6-flare](#). Their combined impact could cause [G2](#)-class geomagnetic storms. The only bad news: Aurora visibility will be reduced by glare from this weekend's full [Wolf Moon](#).

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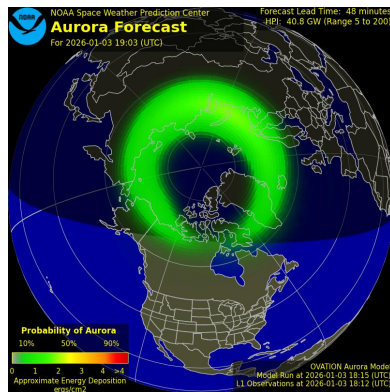
Global D Region Absorption

Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.qsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

(Compiled from information on NOAA.gov and other sources.)

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
ARRL Kids Day	Jan 3	1800Z	Jan 3	2359Z	Rules
ARRL RTTY Roundup	Jan 3	1800Z	Jan 4	2400Z	Rules
North American QSO Party, CW	Jan 10	1800Z	Jan 11	0600Z	Rules
North American QSO Party, SSB	Jan 17	1800Z	Jan 18	0600Z	Rules
ARRL January VHF Contest	Jan 17	1900Z	Jan 19	0359Z	Rules
CQ 160-Meter Contest, CW	Jan 23	2200Z	Jan 25	2159Z	Rules
REF Contest, CW	Jan 24	0600Z	Jan 25	1800Z	Rules
Vermont QSO Party	Feb 7	0000Z	Feb 8	2400Z	Rules
10-10 Int. Winter Contest, SSB	Feb 7	0001Z	Feb 8	2359Z	Rules
Mexico RTTY International Contest	Feb 7	1200Z	Feb 8	2359Z	Rules
Minnesota QSO Party	Feb 7	1400Z	Feb 7	2400Z	Rules
British Columbia QSO Party	Feb 7	1600Z	Feb 8	2400Z	Rules
North American Sprint, CW	Feb 8	0000Z	Feb 8	0359Z	Rules
ARRL School Club Roundup	Feb 9	1300Z	Feb 13	2359Z	Rules
CQ WW RTTY WPX Contest	Feb 14	0000Z	Feb 15	2400Z	Rules
CQ 160-Meter Contest, SSB	Feb 20	2200Z	Feb 22	2159Z	Rules
ARRL Inter. DX Contest, CW	Feb 21	0000Z	Feb 22	2400Z	Rules
REF Contest, SSB	Feb 21	0600Z	Feb 22	1800Z	Rules
South Carolina QSO Party	Feb 21	1500Z	Feb 22	0159Z	Rules
North American QSO Party, RTTY	Feb 28	1800Z	Mar 1	0600Z	Rules

ARRL Inter. DX Contest, SSB	Mar 7	0000Z	Mar 8	2400Z	Rules
Oklahoma QSO Party	Mar 14	1400Z	Mar 15	2100Z	Rules
Stew Perry Topband Challenge	Mar 14	1500Z	Mar 15	1500Z	Rules
Idaho QSO Party	Mar 14	1900Z	Mar 15	1900Z	Rules
North American Sprint, RTTY	Mar 15	0000Z	Mar 15	0359Z	Rules
Wisconsin QSO Party	Mar 15	1800Z	Mar 16	0100Z	Rules
BARTG HF RTTY Contest	Mar 21	0200Z	Mar 23	0200Z	Rules
Russian DX Contest	Mar 21	1200Z	Mar 22	1200Z	Rules
Virginia QSO Party	Mar 21	1400Z	Mar 22	2400Z	Rules
CQ WW WPX Contest, SSB	Mar 28	0000Z	Mar 29	2400Z	Rules
Louisiana QSO Party	Apr 4	1400Z	Apr 5	0200Z	Rules
SP DX Contest	Apr 4	1500Z	Apr 5	1500Z	Rules

(Contest data courtesy of the [WA7BNM Contest Calendar](#))